$\mathcal{E}_{\mathbf{x},\mathbf{y}}$

Substitute for form 1449A/PTO				l l	Application Number	mplete if	10/601,190	าราชาธิบันทั้งสิทธิการ เชาะสิทธิภัยมีที่สิทธิการ		
ener o		2014271011010010	t	Filing Date		June 23, 2003	5 . B. 5 18 8			
3 0 200 INFORMATION DISCLOSURE					First Named Inventor		- 15 Sec. 1			
STATEMENT BY APPLICANT				Ţ.	Art Unit			n en spenje		
& TPAREMY	(Use as	many sheets as necessary)			Examiner Name			NX		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Attorney Docket Number	\	2107.0570004/TUM	- 西南野海(水)		
Sheet	J	One of Four	IIS PA	TENT DOCU	MENTS		L			
Examiner	Cite	Document Number	Publication		Name of patentee or	Pages, C	Columns, Lines, Where			
Initials*	No.'	Number - Kind Code ³ (if known)	MM-DD-Y	YYY	Applicant of Cited R. Document		Relevant Passages or Relevant Figures Appear			
TWH	AA1	US-2,088,586	08-03-193	7	Cole et al.					
	ABI	US-2,378,530	06-19-194	5	Bailie et al.					
	AC1	US-2,522,365	09-12-195	0	Greene					
	AD1	US-2,769,201	11-06-195	6	Lorenian					
	AEI	US-2,794,504	06-04-195	7	Carpenter					
	AFI	US-2,814,070	11-26-195	7	Bulkley et al.					
	AG1	US-2,875,312	02-24-195	9	Norton					
	AHI	US-2,987,300	06-06-196	1	Greene					
	All	US-2,991,423	07-04-196	1	Vackar					
	AJI US-3,062,940 11-4		11-06-196	2	Bauer et al.	-				
	AK1	US-3,550,267	12-29-197	0	Williams					
1	AL1 US-3,553,788 01-12-1		01-12-197	1	Putkowski					
_	AMI	US-3,677,682	07-18-197	2	Putkowski					
	AN1 US-3,800,027		03-26-1974		Tsutsumi	1				
	AO1	US-3,812,323	05-21-197	4	Pink	_				
1	AP1	US-3,831,004	08-20-197	4	Wallstrom	1				
+	AQI	US-3,849,630	11-19-197		Halliday	_				
1	ARI	US-3,911,251	10-07-197		Day					
 	ΛSI	US-3,912,907	10-14-197		Lodi					
1	ATI	US-3,970,821	07-20-197		Crandell	 				
TWH	AUI	US-4,032,046	06-28-197		Elliot et al.					
- 010		1 1,000		PATENT DO						
Examiner	Cite	Foreign Patent Document		Publication Date	Name of Patentee or	Pages (Columns, Lines, Where			
Initials*	No.	Country Code ³ - Number ⁴ - Kind Code		MM-DD-YYYY	Applicant or Cited Document	Relevan	t Passages or Relevant Figures Appear	T*		
TWH	BAI	DE 3324901 A1		01-24-1985	Schwarzkopf			- 		
1000	BBI	DE 8620956 U		11-27-1986	unknown					
-+	BC1	DE 9201797.5 U1		05-21-1992	unknown	` 				
	BD1	DE 4242505 A1		06-23-1994	Schwarzkopf					
-	BEI	DE 19522716 C		09-16-1996	Schwarzkopf					
		ļ	 		Gunther	_ 				
	BF1	DE 19941038 A1		03-01-2001						
	BGI	EP 444748 A1		09-04-1991	Van Boekel et al.					
	BHI	EP 590621 A1		04-06-1994	Schmidt			 		
774 17	BII	EP 748678 A1		12-28-1996	Vorkoeper et al.					
TWA	ВЛ	-EP_765728.A2_		04-02-1997	Blank et al.	_1				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional) 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'for Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.' Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

•		OTP Sometime Page	work Reduction Act of 1995	. no persons are regi	Patent ar irred to respond to a collection of	Approved for a distribution unless that the contract of the co	PTO/S use through 07/31/2006. Of liber U.S. DEPARTMENT OF SS Id displays a valid OMB of	E/08A (08-03) MB 0851-0031 COMMERCE	
	1 3			. 110 -		Complete If	Kn wn	OTHER BUREAU	
	Showitute	RMATION DIS TEMENT BY A			Application Number		19/601,190		
	INI	ADMARKAMEN	CLOSUDE	Filing Date			June 23, 2003		
	CTV.		DDITOVALE	First Named Inventor			Gelleri et al.		
	SIA	IEMENI BY A	PPLICANT	Art Unit			1722		
	(Use as	many sheets as necessary)			Examiner Name			ZINIZ	
Sheet		Two of	Four		Attorney Docket Number	2107.0570004/TUM			
			U.S. PA	ATENT DOCU	MENTS				
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ³ (if kno	wn) Publication MM-DD-)		Name of patentee or Applicant of Cited Document	Relevan	olumns, Lines, Where Passages or Relevant Tigures Appear		
TENH	AA2	US-4,120,086	10-17-197	8	Crandell				
	AB2	US-4,238,671	12-09-198	0	Gellers				
	AC2	US-4,304,544	12-08-198	}	Crandell		· · · · · · · · · · · · · · · · · · ·		
	AD2	US-4,373,132	02-08-198	3	Vartanian				
	AE2	US-4,376,244	03-08-198	3	Gellert		 		
_	AF2	U\$-4,386,262	05-31-198	3	Gellert				
	AG2	US-4,403,405	09-13-198	3	Gellert				
	AH2	. 		4	Tsutsumi				
	A12	US-4,438,322	03-20-198	4	Sylvia				
	AJ2	US-4,485,387	11-27-198	4	Drumheller			 -{	
	AK2	US-4,492,556	01-08-198		Crandell				
+-	AL2	US-4,501,550	02-26-198		Nukkuni				
	AM2	US-4,516,927	05-14-198		Yoshida	 -			
- 	AN2	US-4,557,685	12-10-198		Gellen				
	AO2	US-4,583,284	04-22-198		Gellen				
	AP2		05-13-198		Schad				
 -	 	US-4,588,367			+				
	AQ2	US-4,621,251	11-04-198		Keefe				
	AR2	US-4,635,851	01-13-198		Zeeman				
	AS2	US-4,641,423	02-10-198	7	Crandell				
	AT2	US-4,643,664	02-17-198	7	Yoshida				
TWH	AU2	US-4,644,140	02-17-198	7	Hiltinger				
			FOREIGN	PATENT DO	CUMENTS				
Examiner Initials*	Cite No.'	Foreign Patent I Country Code ³ - Number ⁴ - F		Publication Date MM-DD-YYYY	Name of Patentee or Applicant or Cited Document	Relevan	olumns, Lines, Where Passages or Relevant Figures Appear	14	
TUH	BA2	EP 963829 A1	·	12-15-1999	Godwin et al.			1	
1	BB2	EP 1252998 A3		04-23-2003	Bazzo et al.				
	BC2	EP 1302295 A3			Gellert et al.				
	BD2	JP 64-58518		03-06-1989	Satoshi			1	
YW H	BE2			03-08-2001	Van Boekel		· · · · · · · · · · · · · · · · · · ·	1	
/_ / _ /									
					ļ				
<u> </u>	L	* ****		<u></u>	1-12			——	
Examiner		12001	. //		Date				

Considered

Signature

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional) 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentialty is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

٠	`	6	PE Onder the Paperwork Reduct	ion Act of 1995.	no persons are require	Patent and ed to respond to a collection of in	Approved for Trademark Off formation unit	PTO/SBA use through 07/31/2005, OMB fice: U.S. DEPARTMENT OF C SSS it displays a valid OMB cont	08A (08-03) 0651-0031 OMMERCE	
	Subs SEP 13 1 Am MANPTO					C mplete if Kn wn				
						pplication Number		10/601,190		
	INFORMATION DISCLOSI					Filing Date		June 23, 2003		
		STA	PEMENT BY APPLIC	ANT	<u> </u>	Trst Named Inventor		Gellert et at.		
				,, ,, , ,	- -	Art Unit		1722		
		(Use as	many sheets as necessary)			Examiner Name Attorney Cocket Number		THE ITBRIN	//<	
She	Sheet Three of Four					atomoy occurr names		2107,0370004707		
				U.S. PA	TENT DOCUM	IENTS				
	Examiner Cit Initials* No		Document Number Number - Kind Code ² (if known)	Publication MM-DD-Y	Date YYY	Name of patentee or Applicant of Cited Document	Relevan	Columns, Lines, Where t Passages or Relevant Figures Appear		
Z	UH	AA3	US-4,652,230	03-24-1987	7	Osuna-Diaz				
		AB3	US-4,704,516	11-03-1987	7	Tsutsumi				
	L	AC3	US-4,711,625	12-08-1987	7	Knauer et al.				
		AD3	US-4,740,674	04-26-1988	B	Tsutsumi		· · · · · · · · · · · · · · · · · · ·		
		AE3	US-4,768,283	09-06-1988	8	Gelleri				
		AF3	US-4,771,164	09-13-1981	B	Gellert				
		AG3	US-4,795,126	01-03-1989	9	Crandell				
		AH3	US-4,837,925 06-13		9	Gellert				
		VI3	US-4,865,535	09-12-1989	9	Gellert		···		
		AJ3	US-4,882,469	11-21-1989	9	Trakas		·		
		AK3	US-4,894,197	01-16-1990	0	Tsutsumi				
		AL3	US-4,911,636	03-27-1996	0	Gellert				
		АМ3	US-4,945,630	08-07-1990	0	Gellert				
		AN3	US-4,981,431	01-01-199	ı	Schmidt]	
		AO3	US-4,988,848	01-29-199	1	Trakas				
		AP3	US-5,051,086	09-24-199	ı	Gellert				
		AQ3	US-5,055,028	10-08-199	1	Trakas				
\neg		AR3	US-5,136,141	08-04-199	2	Trakas				
		AS3	US-5,136,143	08-04-1992	2	Kumer et al.				
7		AT3	US-5,147,663	09-15-199	2	Trakas				
90	04	AU3	US-5,225,211	07-06-199	3	Imaida et al.				
				FOREIGN	PATENT DOC	UMENTS				
Examiner Initials*		Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ³	(if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant or Cited Document	Relevan	Columns, Lines, Where t Passages or Relevant Figures Appear	T ⁶	
					L	}				
						<u></u>				
							4		<u> </u>	
								·		
					L				<u> </u>	
Ex	aminer		1 1 1 1							

Examiner

Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional) 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document' kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

		01	PE	m'Act of 1995, no persons a		Approve	i for use through 07/3 nk Office: U.S. DEPAI	PTO/S8/08A (08-03) 1/2008. OMB 0851-003 TIMENT OF COMMERC	
			· ·	M ACCOL 1995, NO DESCRIS BI	e regulada to respond to a		e if Kn wn	and Oma Control number	
	Substitute	o for form 1449A/PTO SEP 3	0 2003		Application Numb		10/601,190		
	INIEC	DMATINE DIS	CLOS	VIDE	Filing Date		June 23, 2003	TANK TO THE PARTY OF	
	STV.	DRMATION DIS		ANT	First Named Inven	tor	Gellert et al.	1975年科学成立	
	SIA	I EIVIEN I DE MA	PERIO	ANI	Art Unit		1722		
	(Use as	many sheets as necessary)		·	Examiner Name		7.1/E/TBRINK 2107.0570004/TUM		
Sheet		Four of	Four		Atterney Docket Number		2107.05700001()		
				U.S. PATENT D	DCUMENTS			70 10 10 10 B	
Examiner Initials*	Cite No. 1 Document Number Number - Kind Code 2 (if known)		Publication Date MM-DD-YYYY	Name of pater Applicant of C Document	ntee or Pag Cited Rel	Pages, Columns, Lines, Where: Relevant Passages or Relevant Figures Appear			
TWH	AA4	US-5,226,596		07-13-1993	Okamura				
1	AB4	US-5,235,737		08-17-1993	Gellert			÷ . • • • · · ·	
	AC4	US-5,266,023		11-30-1993	Renwick			-A.	
	AD4	US-5,282,735		02-01-1994	Gelleri			-	
	AE4	US-5,326,251		07-05-1994	Gellert				
	AF4	US-5,360,333		11-01-1994	Schmidt				
1	AG4	US-5,411,393		05-02-1995	Askin et al.				
7-	AH4	US-5,456,592		10-10-1995	Shindo				
	A14	US-5,504,304		04-02-1996	Noguchi et al.				
7	AJ4	US-5,527,177		06-18-1996	Potter				
	AK4	US-5,614,233		03-25-1997	Gellert				
	AL4	US-5,704,113		01-06-1998	Mak			90.44	
	AM4	US-5,820,900		10-13-1998	McGrevy				
	AN4	US-5,871,786		02-16-1999	Hume et al.				
	AO4	US-5,955,120		09-21-1999	Deissler				
	AP4	US-5,973,296		10-26-1999	Juliano et al.				
1	AQ4	US-6,040,528		03-21-2000	Kitamura et a	ı.			
7	AR4	US-6,394,784		05-28-2002	Gellert et al.				
TWH	AS4	US-2002/0160075		10-31-2002	Bazzo et al.				

FOREIGN PATENT DOCUMENTS Examiner Initials* Foreign Patent Document Publication Date MM-DD-YYYY Name of Patentee or

Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear Applicant or Cited Document Country Code3 - Number 4 - Kind Code5 (if known) T6 Examiner Date Considered 4-2 -O:C Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional) 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is place a check mark here if English language Translation is statched. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Petentran Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

*. 1

9.